E144427

ISO 9002 SGS

Reg. No. QRE 95036
Certificate No. 0388 2817

Erkend door de Raad voor de Certificatie

SURFACE MOUNT CHIP CARRIER SOCKET 850 — SMT — PLCC

PART NO : 850 — SMT — PLCC —□— PPS —□—□

SPECIFICATIONS :

MATERIAL

※ Contact Material : 5210 Phosphor Bronze Hardness 230° ,0.2 m/m Thickness.
※ Contact Plating : Tin Plated 160u" Over Nickel Tin/Lead 90% : 10%.
※ Insulator Material : 40% glass filled in P.P.S. UL-94V-0.
※ Operating Temperature : -50 ℃ to + 105 ℃.

MECHANICAL PERFORMANCE

※ Durability : Per MIL-STD-1344, Method 2016, 25 Cycles.
※ Vibration : Per MIL-STD-810C, Method 514.2, 10-200,000Hz 5G's.
※ Shock : Per MIL-STD-810C, Method 516.2, 35G'S.
※ Acceleration : Per MIL-STD-810C, Method 513.2, 15G's.
※ Contact Force : 210g/per pin.

ELECTRICAL PERFORMANCE

※ Contact Interface Resistance :
Initial : 6.5 Milliohms Average.
Final : 15.0 Milliohms Maximum After Testing.
※ Insulation Resistance : Greater Than 10000 Megohms.
※ Dielectric Strength : 1000 VAC continuous for 1 minute.
※ Capacitance : Less Than 1.0pf At 1000KHz.
※ Inductance :
Self : 5.0nH, Maximum at 500KHz.
Mutual : 1.0nH, Maximum at 500KHz.

ENVIRONMENTAL PERFORMANCE

※ Thermal Shock : Per MIL-STD-1344, Method 1003, Condition A, Cycled From +55 ℃ to +80 ℃, no Discontinuity or Physical Damage.
※ Temperature/Humidity : Per MIL-STD-1344, Method 1002, 85 ℃/85% Relative Humidity.

						P TYPE
	A ± 0.2	B ± 0.2	C ± 0.1	D ± 0.1	E ± 0.2	F ± 0.2
20	15.65	15.65	5.08	5.08	16.80	12.70
28	18.18	18.18	7.62	7.62	20.40	15.24
32	18.18	20.75	7.62	10.16	22.20	17.78
44	23.28	23.28	12.70	12.70	31.20	20.32
52	25.84	25.84	15.24	15.24	32.20	22.86
68	30.95	30.95	20.32	20.32	38.40	27.94
84	36.00	36.00	25.40	25.40	45.60	33.02

ORDERING INFORMATION :

850 — SMT — PLCC —□— PPS —□—□

- □ (NO. OF CONTACT)
- □ (T:TIN)
- □ (N:WITHOUT PEGS, P:WITH PEGS)

FOR EXAMPLE : 850 — SMT — PLCC — 20 — PPS — T — N
: 850 — SMT — PLCC — 20 — PPS — T — P

SURFACE MOUNT CHIP CARRIER SOCKET

850 – SMT – PLCC

WITH PEG TYPE & WITHOUT PEG TYPE

4.6m/m HIGHT

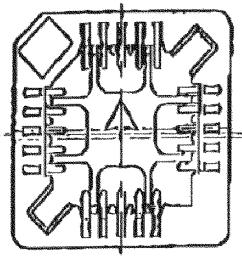
E144427

ISO 9002 SGS FQU

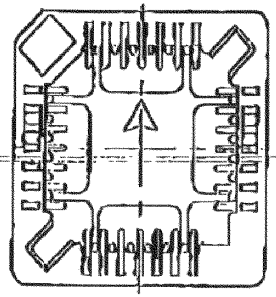
Reg. No. QQE 29916 Certificate No. QSR 2017

Colour Chart & Brand Records Certificate

20P



28P



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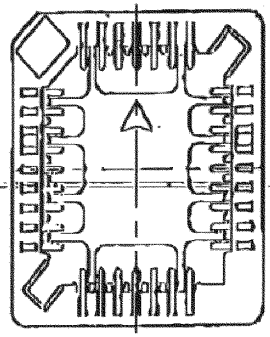
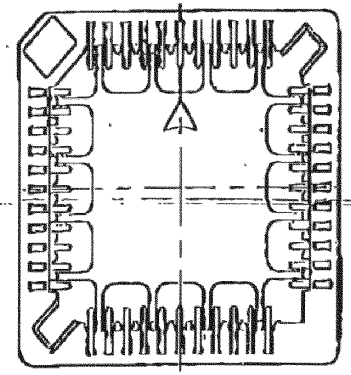


44P



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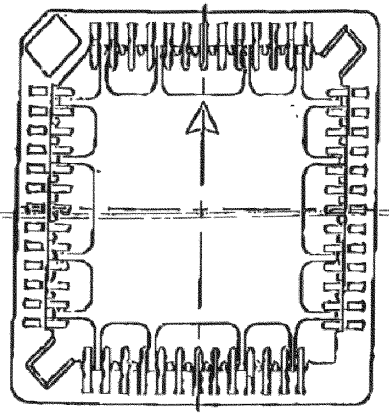

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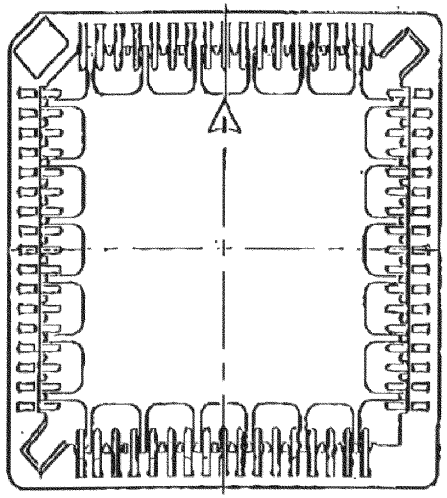
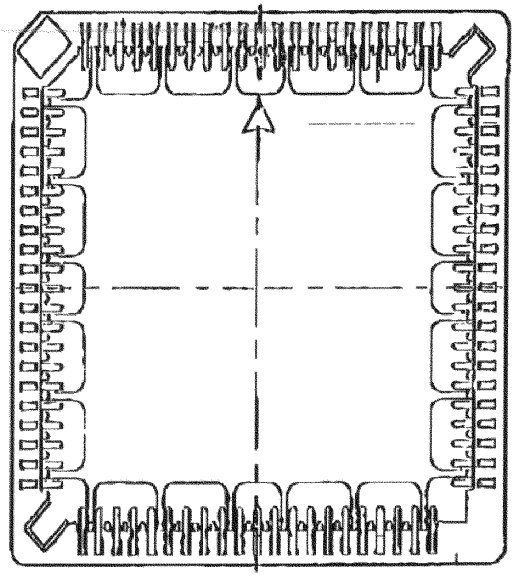


84P

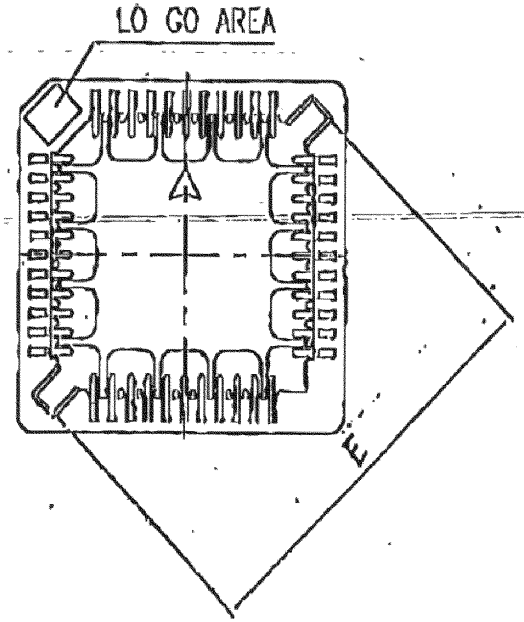


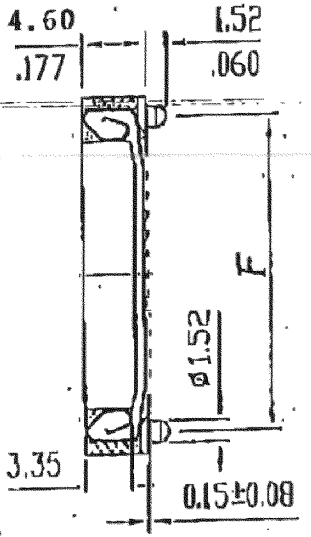
Connector & Socket

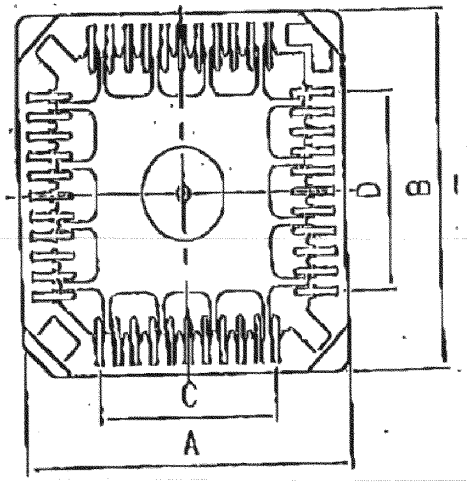
DRAW		SCALE	
DESIGN		CHECKED	
DATE	12/20/96	SHEET	1 OF 1

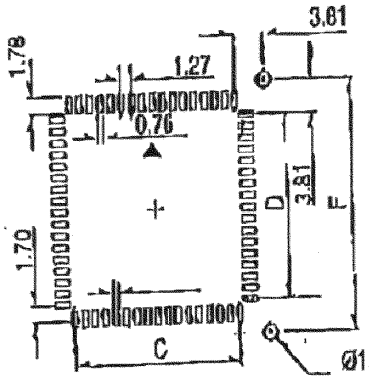
SURFACE MOUNT CHIP CARRIER SOCKET
850 – SMT – PLCC
WITH PEG TYPE & WITHOUT PEG TYPE
4.6m/m HIGHT

E144427









P.C.B. LAYOUT POLARIZING PEG HOLES

						P TYPE
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Connector & Socket

DRAW		SCALE	
DESIGN		CHECKED	
DATE	12/20/96	SHEET	1 OF 1